

REMARKS

Reconsideration and allowance of the above-identified application, as currently amended, is respectfully requested.

The Abstract was amended in keeping with the outstanding requirements directed thereto. Acceptance of the same is respectfully requested.

The objection to the drawings as well as the corresponding rejection of claims 11-13 under 35 U.S.C. §112, second paragraph, are noted. Accordingly, the claimed subject matter was carefully reviewed for content and support and was also revised for purposes of clarification. In particular, concerning the objected expression "comprising other plural number of closed flow passages..." in original claim 11, it has been accordingly clarified. That is the objected to language was clarified so that it now appropriately refers to "another closed flow passage" such as shown by reference numeral 6 in the example configurations illustrated in Figs. 4 and 6 of the drawings, although not to be construed as being limited thereto. Reference numeral 3 is an example illustration of the set forth "plurality of closed flow passages" of the present invention. Therefore, the set forth "another closed flow passage..." according to the currently amended claim 11 is now clearly defined and is also distinguished from the set forth "plurality of closed flow passages." Accordingly, reconsideration/withdrawal of the above-noted objection to the drawings as well as the related rejection under 35 U.S.C. §112, second paragraph, is respectfully requested.

Applicants note with appreciation the indication that dependent claims 4 and 5 contain allowable subject matter and that these claims would be formally allowed upon being re-presented in an appropriate self-contained

format (see page 9, item 14, of the official action). Accordingly, Applicants have decided, at this time, to re-present claim 4 as an independent claim, incorporating the subject matter of the corresponding base claim 1 and intervening claim 3, thereby to render claim 4 as well as claim 5 (dependent on claim 4) allowable. Correspondingly, original claims 1 and 3 were cancelled. Regarding claim 2 (now cancelled) it has been re-presented as new claim 21 (dependent on claim 4), thereby also rendering claim 21 allowable. Claims 6-8, as currently amended, are dependent on claim 4, thereby rendering these claims along with claims 9-13 also allowable.

Independent claim 14, as currently amended, contains allowable subject matter now contained in claim 4, thereby also rendering this claim allowable.

Numerous editorial revisions were implemented to the original language of the claims that are strictly of an editorial clarifying nature including to improve the readability thereof. It is submitted, the general substantive nature of the claimed subject matter has not been altered, as should be clearly evident from a reading of the currently amended claims. For example expressions such as "one side surface" and "other side surface" were amended to the expressions one surface side and another surface side, respectively. Likewise, expressions such as "plural number of circuits", "plural number of driving means" and "plural number of temperature detecting means" were changed to a plurality of circuits, a plurality of driving means and a plurality of temperature detecting means, respectively. Numerous other revisions were implemented to the claims. A careful reading thereof clearly shows that they are also of an editorial nature such as to remove minor informalities and enhance the clarity thereof.

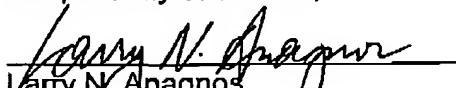
Two (2) art rejections were given, also, under 35 U.S.C. §103(a), as specified in item 12 and 13, in the Detailed Action. It is submitted, however, these rejections were also rendered moot in view of the above-made amendments to the claims, as is clearly explained in the supportive remarks.

Therefore, in view of the above-made amendments, together with these accompanying remarks, reconsideration and withdrawal of the outstanding objections/rejections and allowance of the application is respectfully requested.

If the Examiner deems that questions and/or issues still remain which would prevent the present application from being allowed at the present time, he is urgently invited to telephone the undersigned representative, at the number indicated below, so that either a telephone or personal interview may be arranged at the Examiner's convenience in order to discuss the same and hopefully resolve any remaining questions/issues present.

To the extent necessary, Applicants petition for an extension of time under 37 CFR §1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (Case No. 520.43306X00) and please credit any excess fees to such deposit account.

Respectfully submitted,


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Attachments

Appendix A

Abstract

In a semiconductor integrated circuit device and a semiconductor integrated circuit chip, a circuit forming layer, on which are formed a large number of circuits, is formed on one surface side of a plate-like semiconductor chip, and on the other, opposing surface side thereof, a heat transfer layer is connected therewith in one body. This heat transfer layer is made of a material similar to that of the semiconductor chip, and has formed therein passage ducts to build up a closed flow passage. Within this closed flow passage is enclosed an operating fluid, and there is provided a driving means, such as a resistor film, of the operating fluid. Vibration is given to the operating fluid by the driving means, thereby transferring/diffusing a local increase of temperatures within the circuit-forming layer.